

2016 COBRA Science Olympiad - FOSSILS

Team Name: _____ Team #: _____

Name of Students: _____

Directions: Make sure you record what is being asked for. **Answer the multiple choice questions by placing the letter of the correct choice in the space provided.** Some stations require you to fill in your answers in the space provided. Be careful, spelling counts, and you must write legibly. (* indicates tie-breaker) - 1 point each per answer. Total - 88

STATION 1

1. _____ **D**
2. _____ **C**
3. _____ **index fossil/guide fossil/zone fossil** _____
4. _____ **Pleistocene Ice Age/ Pleistocene** _____

STATION 2

5. * _____ **B**
6. _____ **C**
7. * _____ **A**
8. _____ **C**

STATION 3

9. _____ **Trilobites**
10. _____ **Elrathia**
11. _____ **C**
12. * _____ **C** , _____ **A** , _____ **B** _____
13. _____ **Cryptolithus**

STATION 4

14. _____ **Eryops**
15. _____ **Amphibia**
16. _____ **D**
17. _____ **False**

STATION 5

18. _____ **Pecten**
19. _____ **Scallop**
20. _____ **Valves**
21. _____ **C**
22. _____ **C**

STATION 6

23. _____ **A**
24. _____ **C**
25. _____ **True**
26. _____ **C**
27. _____ **Mammals**

STATION 7

28. _____ **Heliophyllum**
29. _____ **horn corals/Rugose corals**
30. _____ **A**
31. _____ **B**
32. _____ **B**

STATION 8

33. _____ **Dimetrodon**
34. _____ **D**
35. _____ **Permian**
36. _____ **True**
37. * _____ **B**

STATION 9

- 38. ____ **B**
- 39. ____ **D**
- 40. ____ **A**
- 41. ____ **E**
- 42. ____ **C**
- 43. * ____ **D**

STATION 10

- 44. ____ **Archimedes**
- 45. ____ **B**
- 46. ____ **True**
- 47. ____ **B**
- 48. ____ **D**

STATION 11

- 49. ____ **Equus**
- 50. ____ **C**
- 51. ____ **B**
- 52. ____ **Mammalia**

STATION 12

- 53. ____ **Sea Urchin**
- 54. ____ **Echinodermata**
- 55. ____ **D**
- 56. ____ **B**
- 57. ____ **D**

STATION 13

- 58. ____ **Shale**
- 59. ____ **B**
- 60. ____ **Sandstone**
- 61. ____ **D**
- 62. ____ **C**

STATION 14

- 63. ____ **Brachiopoda/Brachiopods**
- 64. ____ **A**
- 65. ____ **D**
- 66. ____ **B**

STATION 15

- 67. ____ **Stromatolite**
- 68. ____ **Archean**
- 69. ____ **Cyanobacteria**
- 70. * ____ **A**
- 71. ____ **B**

STATION 16

- 72. ____ **Plateosaurus**
- 73. ____ **Coelophysis**
- 74. ____ **Triceratops**
- 75. * ____ **hip or pelvic difference**
- 76. ____ **Archaeopteryx**

STATION 17

- 77. ____ **Calamites**
- 78. ____ **Annularia**
- 79. ____ **A**
- 80. ____ **Cast of Pith/Cast of stem**
- 81. ____ **Horsetails**
- 82. ____ **Carboniferous**

STATION 18

- 83. ____ **Bonyfish**
- 84. ____ **Vertebrate**
- 85. ____ **E**
- 86. ____ **Sharks**
- 87. ____ **Cartilage**
- 88. ____ **C**